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| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  |  | ATTORNEY'S DOCKET NUMBER<br><br>043888-0483   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | U.S. APPLIC. NO. (if known, see 37 CFR 1.5)<br>No. of Assignments<br><b>10/583374</b> |
| INTERNATIONAL APPLICATION NO<br><b>PCT/JP2005/017503</b>   | INTERNATIONAL FILING DATE<br><b>September 22, 2005</b> | INTERNATIONAL APPLICATION NO<br><b>October 19, 2004</b>                               |
| TITLE OF INVENTION<br><b>MEMBRANE ELECTRODE ASSEMBLY, METHOD FOR PRODUCING THE SAME AND POLYMER ELECTROLYTE FUEL CELL</b>  |  |   |
| APPLICANTS FOR DO/EO/US<br><b>Masaki YAMAUCHI, Yoshihiro HORI, Akihiko YOSHIDA, Mikiko YOSHIMURA, Makoto UCHIDA</b>  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.<br>d. <input checked="" type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |  |   |
| Items 11. to 16. below concern other document(s) or information included:  |  |   |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> A preliminary amendment.<br>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or change of address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.<br>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).<br>20. <input checked="" type="checkbox"/> Other items or information.<br>1) Front Page of International Publication<br>2) PCT Request<br>3) International Search Report<br>4) PCT/IB/301<br>5) PCT/IB/304<br>6) PCT/IB/308<br>7) 54 pages each of clean and marked-up substitute specification  |  |   |

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| U.S. APPLICATION NO. (known, see 37 CFR 1.50)<br>Not yet assigned   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2005/017503                            |                     | ATTORNEY'S DOCKET NUMBER<br>043888-0483 |              |
|   |              |   |                     | CALCULATIONS                            | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:   |              |   |                     |   |              |
| <input checked="" type="checkbox"/> Basic National Stage Fee \$300  |              |   |                     | \$300.00                                |              |
| 22. <input checked="" type="checkbox"/> Examination Fee<br>If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0<br>All other situations \$200   |              |   |                     | \$200.00                                |              |
| 23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))<br>If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100<br>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400<br>All other situations \$500 |              |   |                     | \$400.00                                |              |
| TOTAL OF 21, 22 and 23 =  |              |   |                     | \$900.00                                |              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |                     | \$0                                     |              |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction Thereof (round up to a whole number) | RATE                |   |              |
| 64-100  | 0/50=        | 0   | X\$250              | \$0                                     |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |                     | \$0                                     |              |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE                |   |              |
| Total Claims  | 12-20 =      | 0   | x \$50.00           | \$0                                     |              |
| Independent Claims  | 5-3 =        | 2   | x \$200.00          | \$400.00                                |              |
| Multiple dependent claim(s) (if applicable)   |              |   | + \$360.00          | \$0                                     |              |
| TOTAL OF ABOVE CALCULATIONS =   |              |   |                     | \$1300.00                               |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |              |   |                     | \$                                      |              |
| SUBTOTAL =  |              |   |                     | \$1300.00                               |              |
| Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |                     | +                                       | \$           |
| TOTAL NATIONAL FEE =  |              |   |                     | \$1300.00                               |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |                     | +                                       | \$0          |
| TOTAL FEES ENCLOSED =   |              |   |                     | \$1300.00                               |              |
|   |              |   |                     | Amount to be refunded                   | \$           |
|   |              |   |                     | Amount to be charged                    | \$1300.00    |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.  |              |   |                     |   |              |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of <u>\$1300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.  |              |   |                     |   |              |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.  |              |   |                     |   |              |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.   |              |   |                     |   |              |
| SEND ALL CORRESPONDENCE TO:   |              |   |                     |   |              |
| Customer Number 20277   |              |   | June 19, 2006       |   |              |
| Telephone: 202.756.8000   |              |   | SIGNATURE           |   |              |
| Facsimile: 202.756.8087   |              |   | Michael E. Fogarty  |   |              |
|   |              |   | NAME                |   |              |
|   |              |   | 36,139              |   |              |
|   |              |   | REGISTRATION NUMBER |   |              |